

SILFOAM[®] SC 120



Silicone Antifoam Compound

SILFOAM[®] SC 120 is an anhydrous antifoam compound. Because of its low viscosity, it is easier to handle than high viscous grades.

SILFOAM[®] SC 120 shows a high resistance in alkaline environments. Its excellent alkali resistance renders it extremely versatile.

Properties

Specific features

- Compound
- Listed in EPA database
- Technical grade

Technical data

General Characteristics

Property	Condition	Value	Method
Active ingredients content	-	100 %	-
Appearance Appearance	-	slightly opaque, colorless	-
Density	20 °C	1 g/cm ³	DIN 51757
Refractive index	25 °C	approx. 1.4040 - 1.4080	DIN 51423
Viscosity, dynamic	25 °C Brookfield, spindle 2 / 2,5 rpm	800 - 4000 mPa·s	Brookfield
Volatility	230 °C 2 h 5 g	max. 2 %	-

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Applications

- Agricultural Solutions
- Household & Cleaning Solutions

Application details

SILFOAM® SC 120 was conceived for the agrochemical industry, biotechnology, technical processes, washing industry, fermentation.

Processing

SILFOAM® SC 120 is added directly to the slurry in the feed tank at the end of the slurry degassing process to suppress the foam and also deaerate the slurry in the intermediate tank.

To regulate foaming in laundry detergents, SILFOAM® SC 120 is usually incorporated (in an amount of 5-10%) into a powdery premix and the latter is then mixed into the powder detergent at the end of the manufacturing process (amount required: 2-4% premix).

The foaming of filled and structured liquid detergents can be regulated by admixing SILFOAM® SC 120.

If SILFOAM® SC 120 is not sufficiently compatible, we can recommend specialty products.

Recommend dosages:

- powder detergent: ca. 0.5%
- structured liquid detergent: ca. 0.2 - 0.6%
- slurry deaeration: ca. 0.02 - 0.1%

Packaging and storage

Storage

The 'Best use before end' date of each batch is shown on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

QR Code SILFOAM® SC 120



For technical, quality or product safety questions, please contact:

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